

VAG 1.8T Engines

compiled by kpo^uk (a.k.a. turborabbit)

| Engine code | | AGU | AQA | ARZ |
|---------------------------|-----------|-----------------|-----------------|-----------------|
| Manufactured | | 10.97...04.99 | 11.98...04.99 | 05.99...09.00 |
| Capacity | ltr. | 1.8 | 1.8 | 1.8 |
| Output | kW at rpm | 110/5700 | 110/5700 | 110/5700 |
| Torque | Nm at rpm | 210/1750...4600 | 210/1750...4600 | 210/1750...4600 |
| Bore | ø mm | 81.0 | 81.0 | 81.0 |
| Stroke | mm | 86.4 | 86.4 | 86.4 |
| Compression ratio | | 9.5:1 | 9.5:1 | 9.5:1 |
| RON | | 95 unleaded | 95 unleaded | 95 unleaded |
| Injection, ignition | | Motronic M3.8.3 | Motronic ME7.5 | Motronic ME7.5 |
| Knock control | | yes | yes | yes |
| Self-diagnosis | | yes | yes | yes |
| Lambda regulation | | yes | yes | 2 probes |
| Catalyst | | yes | yes | yes |
| Exhaust gas recirculation | | no | no | no |
| Charged | | yes | yes | yes |
| Variable intake manifold | | no | no | no |
| Variable valve timing | | no | no | no |
| Secondary air system | | no | no | yes |
| EPC | | no | yes | yes |
| Charge pressure control | | | | |
| Emissions fulfil | | | | |

| Engine code | | AUM | AUQ | AWT |
|---------------------------|-----------|-----------------|-----------------|-----------------|
| Manufactured | | 10.00 ▶ | 06.01 ▶ | 10.00 ▶ |
| Capacity | ltr. | 1.8 | 1.8 | 1.8 |
| Output | kW at rpm | 110/5700 | 132/5500 | 110/5700 |
| Torque | Nm at rpm | 210/1750...4600 | 235/1950...4700 | 210/1750...4600 |
| Bore | ø mm | 81.0 | 81.0 | 81.0 |
| Stroke | mm | 86.4 | 86.4 | 86.4 |
| Compression ratio | | 9.5:1 | 9.5:1 | 9.3 |
| RON | | 95 unleaded | 98 unleaded | 95 unleaded |
| Injection, ignition | | Motronic ME7.5 | Motronic ME7.5 | Motronic ME7.5 |
| Knock control | | 2 knock sensors | 2 knock sensors | |
| Self-diagnosis | | OBD | OBD | |
| Lambda regulation | | 2 probes | 2 probes | 2 probes |
| Catalyst | | yes | yes | Yes |
| Exhaust gas recirculation | | no | no | No |
| Charged | | yes | yes | Yes |
| Variable intake manifold | | no | no | Yes |
| Variable valve timing | | yes | yes | |
| Secondary air system | | yes | yes | Yes |
| EPC | | yes | yes | Yes |
| Charge pressure control | | | | |
| Emissions fulfil | | | | |

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| Engine code | | AJH | AWC | AVC |
|---------------------------|-----------|------------------|-----------------|-----------------|
| Manufactured | | 11.97 ▶05.00 | 06.00 ▶ | 07.99 ▶ |
| Capacity | ltr. | 1.8 | 1.8 | 1.8 |
| Output | kW at rpm | 110/5500 | 110/5800 | 110/5800 |
| Torque | Nm at rpm | 210/1850...4500 | 210/1800...4300 | 220/2000...4200 |
| Bore | ø mm | 81.0 | 81.0 | 81.0 |
| Stroke | mm | 86.4 | 86.4 | 86.4 |
| Compression ratio | | 9.5 | 9.5 | 9.5:1 |
| RON | | 95 unleaded1 | 95 unleaded1 | 95 unleaded |
| Injection, ignition | | Motronic ME3.8.5 | Motronic ME7.5 | Motronic ME7.5 |
| Knock control | | 2 knock sensors | 2 knock sensors | yes |
| Self-diagnosis | | yes | OBD | yes |
| Lambda regulation | | 1 probe | 2 probes | yes |
| Catalyst | | yes | yes | yes |
| Exhaust gas recirculation | | no | yes | no |
| Charged | | yes | yes | yes |
| Variable intake manifold | | no | no | no |
| Variable valve timing | | no | no | no |
| Secondary air system | | yes | yes | yes |
| EPC | | no | yes | |
| Charge pressure control | | yes | yes | |
| Emissions fulfil | | D3 standard | EU4 standard | D3 standard |

| Engine code | | AWU | AEB | ANB |
|---------------------------|-----------|-----------------|-----------------|-----------------|
| Manufactured | | 08.00 ▶ | 10.96 ▶12.98 | 01.99 ▶09.00 |
| Capacity | ltr. | 1.8 | 1.8 | 1.8 |
| Output | kW at rpm | 110/5800 | 110/5700 | 110/5700 |
| Torque | Nm at rpm | 220/2000...4200 | 210/1750...4600 | 210/1750...4600 |
| Bore | ø mm | 81.0 | 81.0 | 81.0 |
| Stroke | mm | 86.4 | 86.4 | 86.4 |
| Compression ratio | | 9.5:1 | 9.5:1 | 9.5:1 |
| RON | | 95 unleaded | 95 unleaded | 95 unleaded |
| Injection, ignition | | Motronic ME7.5 | Motronic M3.8.2 | Motronic ME7.5 |
| Knock control | | yes | yes | yes |
| Self-diagnosis | | yes | yes | yes |
| Lambda regulation | | yes | yes | 2 probes |
| Catalyst | | yes | yes | yes |
| Exhaust gas recirculation | | no | no | no |
| Charged | | yes | yes | yes |
| Variable intake manifold | | no | no | no |
| Variable valve timing | | yes | no | no |
| Secondary air system | | yes | yes | no |
| EPC | | | | yes |
| Charge pressure control | | | | |
| Emissions fulfil | | EU IV | | D4 standard |

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|---------------------------|-----------|-----------------|--|--|
| Engine code | | APU | | |
| Manufactured | | 01.99 ▶09.00 | | |
| Capacity | ltr. | 1.8 | | |
| Output | kW at rpm | 110/5700 | | |
| Torque | Nm at rpm | 210/1750...4600 | | |
| Bore | Ø mm | 81.0 | | |
| Stroke | mm | 86.4 | | |
| Compression ratio | | 9.5:1 | | |
| RON | | 95 unleaded | | |
| Injection, ignition | | Motronic ME7.5 | | |
| Knock control | | yes | | |
| Self-diagnosis | | yes | | |
| Lambda regulation | | yes | | |
| Catalyst | | yes | | |
| Exhaust gas recirculation | | no | | |
| Charged | | yes | | |
| Variable intake manifold | | no | | |
| Variable valve timing | | no | | |
| Secondary air system | | yes | | |
| EPC | | yes | | |
| Charge pressure control | | | | |
| Emissions fulfil | | MVEG 2 | | |